

Abstract of the Disclosure

RUNFLAT TIRE HAVING A RUBBERIZED INSERT CONTAINING  
1,6-BIS(N,N'-DIBENZYLTHIOCARBAMOYLDITHIO)-HEXANE

Runflat tires are generally made by including a stiff insert in the sidewall thereof. This insert should be as stiff as possible to help support the weight of the vehicle to which the tire is mounted in situations where there is a loss of air pressure. During periods of operation after loss of air pressure the stiff insert carries most of the load on the tire which leads to the generation of heat. Heat build-up can then lead to thermal degradation in the insert. A reduction in crosslink density and a change in the distribution of crosslink types is the result of this thermal degradation. This invention is based upon the discovery that thermal degradation in the inserts of runflat tires can be reduced by including a 1,6-bis(N,N'-dibenzylthiocarbamoyldithio)-hexane therein as an antireversion agent. This invention more specifically discloses a pneumatic tire having at least one insert to provide the tire with runflat capability wherein the insert is comprised of a rubbery polymer and 1,6-bis(N,N'-dibenzylthiocarbamoyldithio)-hexane.